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| APPLICATION NO.                                    | FILING DATE                    | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|--------------------------------|----------------------|---------------------|------------------|
| 09/997,099   | 11/29/2001                     | Mary Mowrey-McKee    | LP/V-31594/A        | 3645             |
| 31781<br>CIRA VISION                               | 7590 06/19/2007<br>CORPORATION |                      | EXAMINER            |                  |
| PATENT DEP   | • • •                          |                      | YU, GINA C          |                  |
| 11460 JOHNS CREEK PARKWAY<br>DULUTH, GA 30097-1556 |                                |                      | ART UNIT            | PAPER NUMBER     |
| DOLO III, GA                                       | 130077-1330                    |                      | 1617                |                  |
|  |                                |                      |                     | •                |
| •  |                                |                      | MAIL DATE           | DELIVERY MODE    |
|  |                                |                      | 06/19/2007          | PAPER            |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

|   | Application No.  | Applicant(s)   |  |  |  |  |
|---|--|--|--|--|--|--|
|   | 09/997,099   | MOWREY-MCKEE ET AL.  |  |  |  |  |
| Office Action Summary   | Examiner   | Art Unit   |  |  |  |  |
|   | Gina C. Yu   | 1617   |  |  |  |  |
| The MAILING DATE of this communication ap<br>Period for Reply   | pears on the cover sheet with th   | e correspondence address   |  |  |  |  |
| • •   | VIO SET TO EVEIDE SMONT  | 11/0\ OD THIDTY (00\ DAYO  |  |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING Description of time may be available under the provisions of 37 CFR 1, after SIX (6) MONTHS from the mailing date of this communication.  If NO period for reply is specified above, the maximum statutory period Failure to reply within the set or extended period for reply will, by statut Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). | DATE OF THIS COMMUNICATI<br>136(a). In no event, however, may a reply be<br>will apply and will expire SIX (6) MONTHS for<br>the, cause the application to become ABANDO | ON. e timely filed  rom the mailing date of this communication.  DNED (35 U.S.C. § 133). |  |  |  |  |
| Status  |  | •  |  |  |  |  |
| 1)⊠ Responsive to communication(s) filed on <u>3/19</u>   | <u>9/2007</u> .  |  |  |  |  |  |
| ·   |  |  |  |  |  |  |
| 3) Since this application is in condition for allowa  | Since this application is in condition for allowance except for formal matters, prosecution as to the merits is  |  |  |  |  |  |
| closed in accordance with the practice under  | Ex parte Quayle, 1935 C.D. 11,   | 453 O.G. 213.  |  |  |  |  |
| Disposition of Claims   |  |  |  |  |  |  |
| 4)⊠ Claim(s) <u>10-18</u> is/are pending in the application   | on.  |  |  |  |  |  |
| · · · · · · · · · · · · · · · · · · ·   | 4a) Of the above claim(s) is/are withdrawn from consideration.   |  |  |  |  |  |
| 5) Claim(s) is/are allowed.   |  | •  |  |  |  |  |
| 6)⊠ Claim(s) <u>10-18</u> is/are rejected.  |  |  |  |  |  |  |
| 7) Claim(s) is/are objected to.   |  |  |  |  |  |  |
| 8) Claim(s) are subject to restriction and/o  | or election requirement.   |  |  |  |  |  |
| Application Papers  |  |  |  |  |  |  |
| 9) The specification is objected to by the Examin   | er.  |  |  |  |  |  |
| 10) The drawing(s) filed on is/are: a) acc  | cepted or b) objected to by th   | e Examiner.  |  |  |  |  |
| Applicant may not request that any objection to the   | e drawing(s) be held in abeyance.  | See 37 CFR 1.85(a).  |  |  |  |  |
| Replacement drawing sheet(s) including the correct  |  |  |  |  |  |  |
| 11) ☐ The oath or declaration is objected to by the E   | xaminer. Note the attached Offi  | ice Action or form PTO-152.  |  |  |  |  |
| Priority under 35 U.S.C. § 119  |  |  |  |  |  |  |
| 12) Acknowledgment is made of a claim for foreign<br>a) All b) Some * c) None of:   | n priority under 35 U.S.C. § 119   | (a)-(d) or (f).  |  |  |  |  |
| 1. Certified copies of the priority documen   | its have been received.  |  |  |  |  |  |
| 2. Certified copies of the priority documen   | its have been received in Applic   | ation No   |  |  |  |  |
| 3. Copies of the certified copies of the price  | ority documents have been rece   | eived in this National Stage   |  |  |  |  |
| application from the International Burea  |  |  |  |  |  |  |
| * See the attached detailed Office action for a list  | t of the certified copies not rece   | ived.  |  |  |  |  |
|   |  |  |  |  |  |  |
|   |  | ·  |  |  |  |  |
| Attachment(s)   | A \ □ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \  | on (PTO 412)   |  |  |  |  |
| Notice of References Cited (PTO-892)     Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 4) Interview Summ. Paper No(s)/Mai   |  |  |  |  |  |
| 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date  | 5) Notice of Informa 6) Other:   | al Patent Application  |  |  |  |  |

Application/Control Number: 09/997,099

Art Unit: 1617

## **DETAILED ACTION**

Receipt is acknowledged of amendment filed on March 19, 2007. Claims 10-18 are pending. The obviousness rejection made under 35 U.S.C. § 103 (a) as indicated is maintained for the reasons of record and as explained in this Office action.

## Claim Rejections - 35 USC § 103

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 10-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Smith (US 7067547 B1).

Rejection is maintained for the reasons of record.

## Response to Arguments

Applicant's arguments filed on February 2, 2007 have been fully considered but they are not persuasive.

Applicants' assert that the Bis Tris Propane of the prior art is 1, 2-bis (tris(hydroxymethyl)methylamino)propane and is distinct from the chelating agent of the present invention. Applicants' arguments are noted, but it is viewed that applicants' bis tris propane is not *patentably distinct* form the prior art bis tris propane. The prior art bistris propane, 1,2-(tris(hydroxymethyl)methylamino)propane, and the bis tris propane of the present invention, 1,3-bis (tris(hydroxymethyl)methylamino)propane, are position isomers and have same use as buffers. Thus these are in chemical structure and properties, which would have motivated the skilled artisan to make the present invention.

## **Conclusion**

No claims are allowed.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gina C. Yu whose telephone number is 571-272-8605. The examiner can normally be reached on Monday through Friday, from 8:00AM until 5:30 PM..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sreeni Padmanabhan can be reached on 571-272-0629. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Gina C. Yu Patent Examiner

SUPERVISORY PATENT EXAMINER

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